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Electronic Equipment Branch Requirements

in the Field of Soviet Electronics

The following suggestions are submitted as guidelines for exploitation of Russian language material in the field of electronics. This information may be considered unclassified when removed from the covering memorandum, and not identified with an intelligence problem.

A. Electronics Equipment Manufacturing Sectors of Interest

1. Civilian Radios, TV, and Phonographs.
2. Commercial Communications Equipment.
 - a. Microwave and scatter propagation equipment.
 - b. Telegraph multiplexing and terminal equipment.
 - c. Telephone exchanges and other telephone equipment.
 - d. Communications wire and cable, including coaxial cable.
 - e. Low, medium and high frequency radio communications transmitters and receivers.
3. Component Manufacturing.
 - a. Electron tubes.
 - b. Semi-conductors.
 - c. Resistors.
 - d. Capacitors.
 - e. Ferrites and other magnetic materials.
 - f. Other components.
4. Printed Circuit Technology.
5. Computers.
6. Automation Equipment and Techniques.
7. Electronic Navigational Devices.

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8. Radar and Special Military Electronic Equipment not otherwise covered.
9. Electronic Test Equipment.
10. Machinery for Producing Electronic Components or Sub-assemblies.
11. Industrial Electronic Equipment, such as X-Ray Machines, Electron Microscopes, Industrial Control and Telemetering Equipment.
12. Precision Electrical Equipment and Components.

B. General Information Desired

1. Plans and achievements concerning production, investment, and new construction.
2. Overall production rates in the electronics industry, in terms of value, physical quantities, or percentage increases. This information is desired for the industry in general as well as for any of its sub-sectors.
3. Administration of plants within the electronics industry. Includes the relationship to the Sovnarkhozy; to the State Committee on Electronics; and to suppliers and consumers.
4. Names and locations of plants and scientific institutes, with information on labor force, principal products, output levels, and internal economic factors of the plants or institutes.
5. Trends in plant specialization, including automatic processes.
6. Specific details on technical characteristics of equipment including cost or price.
7. Labor force information. Increases or internal shifts in the labor force; economic savings attributable to labor.
8. Production costs for materials, labor, power, transportation, etc. How are research and development costs allocated?
9. Indications of Soviet trade with other nations (Bloc and non-Bloc) in electronics goods.
10. Any other information which seems to indicate a trend in production, supply, distribution, or technology.

C. Information Sources

1. Soviet economic, industry and technical periodicals.
2. Soviet monographs, collections of articles, and books.
3. Soviet newspapers.